

**XP-002169788**

**AN - 1996-411033 [41]**

**AP - SU19884483742 19880718**

**CPY - KUGA-I**

**DC - W04**

**FS - EPI**

**IC - H04N5/232**

**IN - KUGAEVSKAYA L B; OBUKHOVICH E M; SHLYCHKOV V I**

**MC - W04-M01D**

**PA - (KUGA-I) KUGAEVSKAYA L B**

**PN - SU1591742 A1 19960127 DW199641 H04N5/232 004pp**

**PR - SU19884483742 19880718**

**XIC - H04N-005/232**

**XP - N1996-346070**

**AB - SU1591742** An image is projected on to a light converter (6) through an optical spectral filter in the form of discs with edge slots and the video-signal from the converter is averaged and compared to reference voltage in a rectifier, passing an error signal through a linear amplifier to a motor (4), rotating the discs until the error signal is zero.

- Linearisation of the transmission coefft. in an automatic regulation circuit is carried out by changing the amplification coefft. of the correction signal amplifier using a control unit, receiving a signal proportional to the angular position of the filter.

- **USE/ADVANTAGE** - Regulation of value and spectral compsn. of light flows in TV cameras. Increased dynamic regulation range.

**Bul.3/27.1.96.(Dwg.1/1)**

**IW - LIGHT FLOW REGULATE DEVICE DISC EDGE SLOT ACT OPTICAL SPECTRAL FILTER  
CONTROL AMPLIFY LINEAR TRANSMISSION COEFFICIENT**

**IKW - LIGHT FLOW REGULATE DEVICE DISC EDGE SLOT ACT OPTICAL SPECTRAL FILTER  
CONTROL AMPLIFY LINEAR TRANSMISSION COEFFICIENT**

**INW - KUGAEVSKAYA L B; OBUKHOVICH E M; SHLYCHKOV V I**

**NC - 001**

**OPD - 1988-07-18**

**ORD - 1996-01-27**

**PAW - (KUGA-I) KUGAEVSKAYA L B**

**TI - Light flow regulation device - has 2 discs with edge slots to act as optical spectral filter and uses controlled amplifier to linearise transmission coefft**